

MPT211 Miniature pressure sensor

MPT211 Pressure sensor

Model: MPT211

Category: Pressure sensor

Range: 0-2000bar

Temperature: -40~+125

Signal output: mv/v, 0-5vdc, 4-20mA

Application: ; Industrial process measurement and control; Automation detection systems; Hydraulic and pneumatic control systems; Pump stations and water treatment systems; Industrial machinery manufacturing

Keywords: Pressure sensor



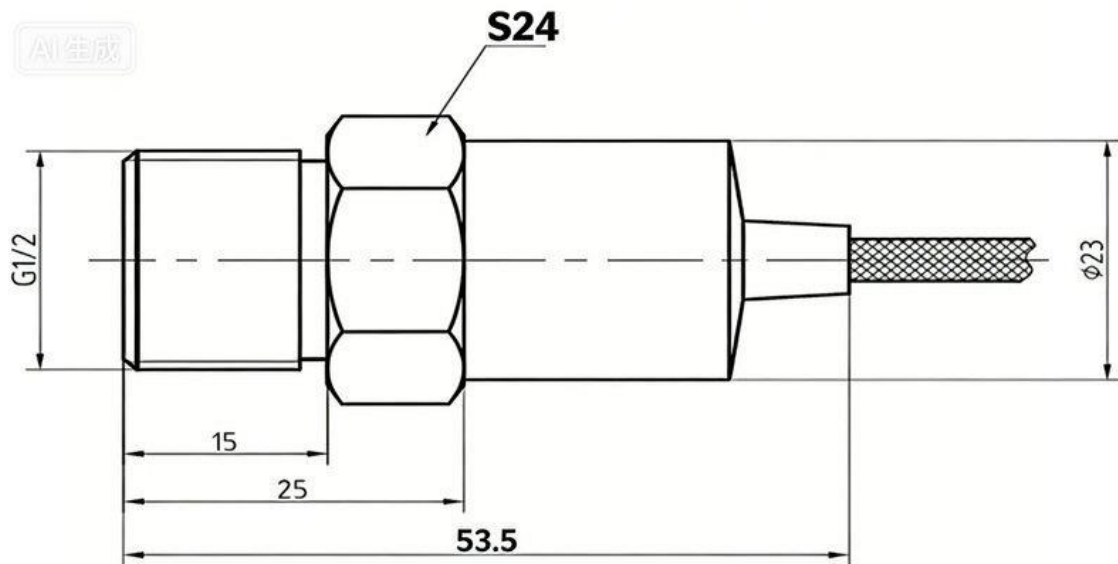
MPT211 (2)

Technical specifications

0~0.6~200Mpa



Pressure type	Gauge, negative, absolute
Analog signal output	Mv/v, 0-5V;0-10V;0.5-4.5V;4~20mA
Digital signal output	RS232, RS485, HART, wireless
Control signal output	PNP, NPN, RELAY
Local indication	LCD, LED,
Operating voltage (V)	24VDC (9~36V)- For 4-20mA and 0-10V; 5VDC-For 0.5-4.5V; 12VDC-For 0-5V; 0-10V
Zero output (mV)	≤20
Accuracy (%FS)	0.1, 0.2, 0.3
Repeatability (nonlinearity)(%FS)	≤0.1, ≤0.2, ≤0.3
Zero drift (%FS/4h)	≤0.1, ≤0.2, ≤0.3
Temperature drift(zero & delicacy)(%FS/°C)	≤0.01, ≤0.02, ≤0.03
Long term stability (%FS/year)	≤0.1;≤0.3
Temperature compensation (°C)	-20~+60
Operating temperature (°C)	-20~+85
Storage temperature	-40~+125
Safe overload (%)	300
Service life	> 1×10 ⁸ (25°C)
Load resistance (Ω)	$R=(U-12.5)/0.02-RD$ U=,RD=
Response time (ms)	≤1
Medium	Media compatible with 316L
Material	316L
Thread	M: M20 × 1.5, NPT: 1/8NPT,1/2NPT, G: G1/2 or Custom
proof	IP65 IP67 IP68
Dimensions	Φ 30*43mm



Product Dimensions

Pressure sensor measurement solution

• MPT200



- Application: gas liquid pressure, water knife cutting pressure, high temperature pressure, anti-corrosion pressure, plane membrane pressure measurement



Product Solution